

What is claimed:

1. A gasoline generator, which mainly comprises: gasoline engine (20), generator (30), characterized in that: at least one enclosed engine case (10), in which is located the gasoline engine (20), the permanent magnet generator (30) is mounted on the engine housing (21), the handle tray (40) is mounted on the fore end surface of cool air suction cover (50), and the cool air suction cover (50) is joined to the engine housing (21) with fastener; handle tray (40), joined to the suction cover (50) with fasteners, together form the main cooling air inlet channel for the motive power.

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2. The gasoline generator according to Claim 1, wherein a said closed engine case (10), comprising: the fore cover assembly (11), case body cover assembly (12), case rear cover assembly (13), case bottom plate (14), metal frame (15) and lifting handle (16); the metal frame (15) is mounted on the case bottom plate (14), the case body cover assembly (12) is mounted on the case bottom plate (14) and metal frame (15); the case fore cover assembly (11) and rear cover assembly (13) are fastened to the metal frame (15) respectively.

3 The gasoline generator according to Claim 1, wherein said gasoline engine (20), which includes at least one engine housing (21), housing side cover (22), engine crank shaft (23), upper part air guide plate (24), bottom air guide plate (25), cylinder head (26), cylinder head cover (27); the cylinder head cover (27) is joined to the cylinder head (26) with fasteners, housing (21) has its upper air guide plate (24) mounted on the upper part of the engine housing (21) and the engine's mounting surface, case which runs parallel with crank shaft (23) forming the cooling air channel A; the bottom air guide plate (25), mounted on the bottom of the engine housing (21) and the engine's mounting surface, which runs parallel with engine crank shaft (23) forming the cooling air channel C.

4. The gasoline generator according to Claim 1, wherein said muffler (28) is mounted inside the chamber formed by muffler cover (29) flanged surface, which engaged with the flanged surface on the side of housing side cover (22).

5. The gasoline generator according to Claim 1, wherein a main air inlet at the bottom of fore end of case bottom plate (14) and lower part of case fore cover assembly (11)

6. The gasoline generator according to Claim 1, wherein an air outlet being set at the upper part
5 of the case rear cover assembly (13)